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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/584,223	05/17/2007	Junko Suginaka	80552(302741)	1304
21874	7590	07/20/2010	EXAMINER	
EDWARDS ANGELI, PALMER & DODGE LLP			CRANFORD, MICHAEL D	
P.O. BOX 55874			ART UNIT	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/584,223	<b>Applicant(s)</b> SUGINAKA, JUNKO
	<b>Examiner</b> MICHAEL D. CRANFORD	<b>Art Unit</b> 3695

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If no period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on **4/21/10**.
- 2a) This action is FINAL.      2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) **1,2,4-6 and 8** is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) **1,2,4-6 and 8** is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on **6/23/06** is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- 1) Notice of References Cited (PTO-892)  
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  
 3) Information Disclosure Statement(s) (PTO-166/08)  
 Paper No(s)/Mail Date \_\_\_\_\_
- 4) Interview Summary (PTO-413)  
 Paper No(s)/Mail Date \_\_\_\_\_
- 5) Notice of Informal Patent Application  
 6) Other: \_\_\_\_\_

**DETAILED ACTION**

**Status of Claims**

1. This action is in reply to the amendment filed on 21 April 2010.
2. Claims 1 and 4 have been amended.
3. Claims 1, 2, 4-6 and 8 are currently pending and have been examined.
4. The rejections of claims 1, 2, 4-6 and 8 have been updated to reflect the amendments.

**Response to Arguments**

Examiner chooses to reject Applicant's claimed invention under 35 U.S.C. 103(a) which forms the basis of all obvious rejections. Examiner respectfully maintains rejections based on the information provided.

**Claim Rejections - 35 USC § 103**

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office Action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
6. Claims 1-2, 4-6 and 8 are rejected under 35 U.S.C. 102(b) as being unpatentable over Norris (US 6,105,007 - herein referred to as Norris) in view of Pitroda et al. (US PGP 2007/0198432 A1 – herein referred to as Pitroda).
7. **Claim 1:**

Norris shown, discloses the following limitations:

- *information storage means for storing personal information and electronic money information* (see at least column 8 lines 24-41)
- *short-distance communication means for making short-distance communications in a noncontact manner* (see at least column 3 lines 10-27)
- *pair relationship establishment means for receiving a pair relationship establishment request signal from a mobile terminal by said short-distance communication means and transmitting personal identification information to said mobile terminal by said short-distance communication means* (see at least column 2 lines 37-48)

Norris does not expressly disclose *information providing control means for receiving electronic money information from a financial institution terminal by said short-distance communication means to be deposited with electronic money and transmitting said electronic money information by said short-distance communication means to a mobile terminal with which said pair relationship has been established to make the mobile terminal pay with electronic money, wherein said personal information storage device is integrated with something that a user wears.*

However, Pitroda does disclose alternatively, the display 103 portion of the electronic facility 101 may be embodied in a remote device. For example, the electronic facility 101 may further comprise a Web server to which a PC-based Web browser may connect. Displayed on the browser may be the visual interface of the electronic facility 101. Thus in certain embodiments, there is no physical size restriction on the electronic facility 101, as it would only provide the content to be displayed on the display 103, rather than the physical display itself. Here, technology comprising the electronic facility 101 could be embedded in a ring, bracelet, pendant, shoe, eyeglass rim, barrette, or any other personal item that the user may wear.  
....([0316]).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention was made to combine Norris and Pitroda with the practitioners own knowledge in order to disclose *information providing control means for receiving electronic money*

*information from a financial institution terminal by said short-distance communication means to be deposited with electronic money and transmitting said electronic money information by said short-distance communication means to a mobile terminal with which said pair relationship has been established to make the mobile terminal pay with electronic money, wherein said personal information storage device is integrated with something that a user wears, motivated by motivated by automatic financial account processing system and transactional services because this provides a way of wearing personal identification information.*

8. **Claim 2:**

Norris shown, discloses the following limitations:

- *information providing control means receives an electronic money increase request signal of a predetermined designated amount of money from said mobile terminal by said short-distance communication means (see at least column 16 lines 65-66)*
- *transmits an electronic money increase signal of said designated amount of money to a mobile terminal by said short-distance communication means (see at least column 2 lines 37-48)*

9. **Claim 4:**

Norris shown, discloses the following limitations:

- *short-distance communication means for making short-distance communications in a noncontact manner (see at least column 3 lines 10-27)*
- *user setting means for setting and storing personal information including electronic money information by receiving it by said short-distance communication means from said personal information storage device registered as having the pair relationship (see at least column 2 lines 37-48)*
- *use permission means for transmitting a use permission request signal to a personal information storage device set as having the pair relationship by said short-distance communication means, receiving a use permission signal from said personal information storage device by said short-distance communication means, and making*

*this mobile terminal available to pay with electronic money (see at least column 2 lines 37-48)*

Norris does not expressly disclose *pair registration means for transmitting a pair relationship establishment request signal to a personal information storage device by said short-distance communication means, said personal information storage device is integrated with something that a user wears receiving personal identification information from said personal information storage device by said short-distance communication means, and registering said personal information storage device as having a pair relationship.*

However, Pitroda does disclose alternatively, the display 103 portion of the electronic facility 101 may be embodied in a remote device. For example, the electronic facility 101 may further comprise a Web server to which a PC-based Web browser may connect. Displayed on the browser may be the visual interface of the electronic facility 101. Thus in certain embodiments, there is no physical size restriction on the electronic facility 101, as it would only provide the content to be displayed on the display 103, rather than the physical display itself. Here, technology comprising the electronic facility 101 could be embedded in a ring, bracelet, pendant, shoe, eyeglass rim, barrette, or any other personal item that the user may wear.  
....([0316]).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention was made to combine Norris and Pitroda with the practitioners own knowledge in order to disclose *pair registration means for transmitting a pair relationship establishment request signal to a personal information storage device by said short-distance communication means, said personal information storage device is integrated with something that a user wears receiving personal identification information from said personal information storage device by said short-distance communication means, and registering said personal information storage device as having a pair relationship*, motivated by automatic financial account

processing system and transactional services because this provides a way of wearing personal identification information.

**10. Claim 5:**

Norris shown, discloses the following limitations:

- *electronic money increase means for designating a predetermined amount of money and transmits an electronic money increase request signal by said short-distance communication means to a personal information storage device set as having a pair relationship, receiving an electronic money increase signal of said designated amount of money from said personal information storage device by said short-distance communication means and stores it* (see at least column 16 lines 65-66)

**11. Claim 6:**

Norris shown, discloses the following limitations:

- *pair registration means transmits a pair relationship establishment request signal addressed to an arbitrary personal information storage device, and said use permission means transmits a use permission request signal addressed to a specific personal information storage device* (see at least column 2 lines 37-48)

**12. Claim 8:**

Norris shown, discloses the following limitations:

- *pair registration means transmits a pair relationship establishment request signal addressed to an arbitrary personal information storage device, and said use permission means transmits a use permission request signal addressed to a specific personal information storage device* (see at least column 2 lines 37-48)

#### **CONCLUSION**

Any inquiry of a general nature or relating to the status of this application or concerning this communication or earlier communications from the Examiner should be directed to **Michael D. Cranford** whose telephone number is **571-270-3106**. The Examiner can normally be reached on Monday-Friday, 9:30am-5:00pm. If attempts to reach the examiner by telephone are unsuccessful, the Examiner's supervisor, **Charles Kyle** can be reached at **571-272-6746**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see [http://portal.uspto.gov/external/portal/pair <http://pair-direct.uspto.gov>](http://portal.uspto.gov/external/portal/pair). Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at **866.217.9197** (toll-free).

Any response to this action should be mailed to:

**Commissioner of Patents**  
P.O. Box 1450  
Alexandria, VA 22313-1450

or faxed to **571-273-8300**.

Hand delivered responses should be brought to the **United States Patent and Trademark**

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/ Michael Cranford / Examiner / Art Unit 3696 /  
July 17, 2010

/Charles R. Kyle/  
Supervisory Patent Examiner, Art Unit 3695